Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form Product name Product code Type of product

Mixture
 NEON MELON CC-16351 10%
 EU55623F_10%

: Perfumes, Fragrances

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec

Use of the substance/mixture Function or use category

For professional use only : Perfumes, Fragrances

: Odour agents

: Industrial

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Candle Craft Weiherwiese 10 65510 Idstein - Germany T 49-6126-9363 -0 info@candlecraft.de - www.candlecraft.de

1.4. Emergency telephone number

Emergency number

: 1-800-255-3924; +01-813-248-0585; China:+400-120-0751; Mexico:+01-800-099-0731; Brazil: +0-800-591-6042; India: +000-800-100-4086

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard H412

Category 3 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]		
Signal word (CLP)	:-	
Hazard statements (CLP)	: H412 - Harmful to aquatic life with long lasting effects.	
Precautionary statements (CLP)	: P273 - Avoid release to the environment.	
	P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.	
EUH phrases	: EUH208 - Contains (R)-p-mentha-1,8-diene, d-limonene, Hexyl cinnamic aldehyde, Linalool, Citronellol Pure, Helional. May produce an allergic reaction.	
Extra phrases	: Restricted to professional users.	
2.3. Other hazards		

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
(R)-p-mentha-1,8-diene, d-limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353- 35	0.29 – 0.571	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092- 50	0.19 – 0.381	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Allyl heptanoate	CAS-No.: 142-19-8 EC-No.: 205-527-1 REACH-no: 01-2119488961- 23	0.15 – 0.305	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016- 42	0.13 – 0.267	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Benzyl acetate substance with national workplace exposure limit(s) (BE, DK, ES, IE, LT, LV, PT, RO)	CAS-No.: 140-11-4 EC-No.: 205-399-7 REACH-no: 01-2119638272- 42	0.1 – 0.19	Aquatic Chronic 3, H412
benzyl alcohol substance with national workplace exposure limit(s) (BG, CZ, DE, FI, LT, LV, PL, SI, CH)	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630- 38	0.1 – 0.19	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Citronellol Pure	CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23	0.08 – 0.152	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
OXACYCLOHEPTADEC-10-EN-2-ONE	CAS-No.: 28645-51-4 EC-No.: 249-120-7	0.06 – 0.12903	Aquatic Chronic 1, H410 (M=10) Aquatic Acute 1, H400 (M=10)
Undecavertol	CAS-No.: 81782-77-6 EC-No.: 279-815-0	0.06 – 0.114	Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Helional	CAS-No.: 1205-17-0 EC-No.: 214-881-6 REACH-no: 01-2120740119- 58	0.06 – 0.114	Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
isopentyl acetate substance with national workplace exposure limit(s) (AT, BE, BG, CY, DE, DK, EE, ES, FI, FR, GI, GR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, NO, TR); substance with a Community workplace exposure limit	CAS-No.: 123-92-2 EC-No.: 204-662-3 EC Index-No.: 607-130-00-2 REACH-no: 01-2119548408- 32	0.04 – 0.076	Flam. Liq. 3, H226
citral substance with national workplace exposure limit(s) (BE, ES, IE, PL, PT)	CAS-No.: 5392-40-5 EC-No.: 226-394-6 EC Index-No.: 605-019-00-3 REACH-no: 01-2119462829- 23	0.04 – 0.076	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
.alphaPinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0.01 – 0.023	Flam. Liq. 3, H226
Alcohol C-10 substance with national workplace exposure limit(s) (BG, DE, LT, LV, RO, CH)	CAS-No.: 112-30-1 EC-No.: 203-956-9	0 – 0.00043	Aquatic Chronic 3, H412
Aldehyde C-6 substance with national workplace exposure limit(s) (FI, PL)	CAS-No.: 66-25-1 EC-No.: 200-624-5	0 – 0.00011	Flam. Liq. 3, H226
Caproic acid substance with national workplace exposure limit(s) (BG, LT, LV)	CAS-No.: 142-62-1 EC-No.: 205-550-7	0 – 0.00001	Eye Dam. 1, H318 Skin Corr. 1C, H314

SECTION 4: First aid measures

4.1. Description of first aid measures		
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.	
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.	
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.	
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.	
4.2. Most important symptoms and effects, both acute and delayed		
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.	

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measure	s
5.1. Extinguishing media	
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.
5.2. Special hazards arising from the substance or mixture	

No additional information available

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5.3. Advice for firefighters Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures		
6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel		
Emergency procedures	: Evacuate unnecessary personnel.	
6.1.2. For emergency responders		
Protective equipment Emergency procedures	Equip cleanup crew with proper protection.Ventilate area.	
6.2. Environmental precautions		
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.		
C.2. Matheads and material far containment and cleaning up		

6.3. Methods and material for containment and cleaning up	
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
6.4. Reference to other sections	

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and stora	ge	
7.1. Precautions for safe handling		
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions Incompatible products	 Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Strong bases. Strong acids. 	
Incompatible materials	: Sources of ignition. Direct sunlight.	

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)	
Finland - Occupational Exposure Limits	
HTP (OEL TWA) [1]	140 mg/m ³
HTP (OEL TWA) [2]	25 ppm
HTP (OEL STEL)	280 mg/m³

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(R)-p-mentha-1,8-diene, d-limonene (5989-27-5)		
HTP (OEL STEL) [ppm]	50 ppm	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	28 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
AGW (OEL TWA) [2]	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Chemical category	skin notation, Skin sensitization	
Slovenia - Occupational Exposure Limits		
OEL TWA	28 mg/m ³	
OEL TWA	5 ppm	
OEL STEL	112 mg/m ³	
OEL STEL	20 ppm	
OEL chemical category	Potential for cutaneous absorption	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	168 mg/m ³	
VLA-ED (OEL TWA) [2]	30 ppm	
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	140 mg/m ³	
Grenseverdi (OEL TWA) [2]	25 ppm	
Korttidsverdi (OEL STEL)	175 mg/m³ (value calculated)	
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)	
OEL chemical category	Allergenic substance	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	40 mg/m ³	
MAK (OEL TWA) [2]	7 ppm	
KZGW (OEL STEL)	80 mg/m ³	
KZGW (OEL STEL) [ppm]	14 ppm	
OEL chemical category	Sensitizer	
Benzyl acetate (140-11-4)		
Belgium - Occupational Exposure Limits		
OEL TWA	62 mg/m³	
OEL TWA	10 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	61 mg/m³	
OEL TWA [2]	10 ppm	
OEL STEL	122 mg/m ³	
	20 ppm	

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Benzyl acetate (140-11-4)		
Ireland - Occupational Exposure Limits		
OEL TWA [2]	10 ppm	
OEL STEL	30 ppm (calculated)	
Latvia - Occupational Exposure Limits	1	
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits	1	
IPRV (OEL TWA)	5 mg/m³	
Portugal - Occupational Exposure Limits	1	
OEL TWA	10 ppm	
OEL chemical category	A4 - Not Classifiable as a Human Carcinogen	
Romania - Occupational Exposure Limits		
OEL TWA	50 mg/m³	
OEL TWA	8 ppm	
OEL STEL	80 mg/m³	
OEL STEL	13 ppm	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	62 mg/m³	
VLA-ED (OEL TWA) [2]	10 ppm	
USA - ACGIH - Occupational Exposure Limits	•	
ACGIH OEL TWA [ppm]	10 ppm	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
benzyl alcohol (100-51-6)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Czech Republic - Occupational Exposure Limits		
PEL (OEL TWA)	40 mg/m ³	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	45 mg/m ³	
HTP (OEL TWA) [2]	10 ppm	
Germany - Occupational Exposure Limits (TRGS 90	00)	
AGW (OEL TWA) [1]	22 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
AGW (OEL TWA) [2]	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)	
Chemical category	skin notation	
Latvia - Occupational Exposure Limits	·	
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	

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benzyl alcohol (100-51-6)	benzyl alcohol (100-51-6)		
OEL chemical category	skin notation		
Poland - Occupational Exposure Limits			
NDS (OEL TWA)	240 mg/m ³		
Slovenia - Occupational Exposure Limits			
OEL TWA	22 mg/m³		
OEL TWA	5 ppm		
OEL STEL	44 mg/m ³		
OEL STEL	10 ppm		
OEL chemical category	Potential for cutaneous absorption		
Switzerland - Occupational Exposure Limits			
MAK (OEL TWA) [1]	22 mg/m³ (aerosol, vapour)		
MAK (OEL TWA) [2]	5 ppm (aerosol, vapour)		
OEL chemical category	skin notation		
isopentyl acetate (123-92-2)			
EU - Indicative Occupational Exposure Limit (IOEL)			
IOEL TWA	270 mg/m ³		
IOEL TWA [ppm]	50 ppm		
IOEL STEL	540 mg/m ³		
IOEL STEL [ppm]	100 ppm		
Austria - Occupational Exposure Limits			
MAK (OEL TWA)	270 mg/m³ (Pentyl acetate (all isomers))		
MAK (OEL TWA) [ppm]	50 ppm (Pentyl acetate (all isomers))		
MAK (OEL STEL)	540 mg/m ³ (Pentylacetate)		
MAK (OEL STEL) [ppm]	100 ppm (Pentylacetate)		
Belgium - Occupational Exposure Limits			
OEL TWA	270 mg/m ³		
OEL TWA	50 ppm		
OEL STEL	540 mg/m ³		
OEL STEL	100 ppm		
Bulgaria - Occupational Exposure Limits			
OEL TWA	270 mg/m ³		
OEL TWA	50 ppm		
OEL STEL	540 mg/m ³		
OEL STEL	100 ppm		
Croatia - Occupational Exposure Limits			
GVI (OEL TWA) [1]	270 mg/m ³		
GVI (OEL TWA) [2]	50 ppm		
KGVI (OEL STEL)	540 mg/m ³		
KGVI (OEL STEL) [ppm]	100 ppm		

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isopentyl acetate (123-92-2)		
Cyprus - Occupational Exposure Limits		
OEL TWA	270 mg/m³	
OEL TWA	50 ppm	
OEL STEL	540 mg/m³	
OEL STEL	100 ppm	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	271 mg/m³ (Amyl acetate, all isomers)	
OEL TWA [2]	50 ppm (Amyl acetate, all isomers)	
OEL STEL	540 mg/m³	
OEL STEL	100 ppm	
Estonia - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL	100 ppm	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	270 mg/m³ (Pentyl acetate)	
HTP (OEL TWA) [2]	50 ppm (Pentyl acetate)	
HTP (OEL STEL)	540 mg/m ³	
HTP (OEL STEL) [ppm]	100 ppm	
France - Occupational Exposure Limits		
VME (OEL TWA)	270 mg/m ³ (restrictive limit)	
VME (OEL TWA) [ppm]	50 ppm (restrictive limit)	
VLE (OEL C/STEL)	540 mg/m³ (restrictive limit)	
VLE (OEL C/STEL) [ppm]	100 ppm (restrictive limit)	
Germany - Occupational Exposure Limits (TRGS 90)0)	
AGW (OEL TWA) [1]	270 mg/m ³	
AGW (OEL TWA) [2]	50 ppm	
Gibraltar - Occupational Exposure Limits		
OEL TWA	270 mg/m ³	
OEL TWA	50 ppm	
OEL STEL	540 mg/m ³	
OEL STEL	100 ppm	
Greece - Occupational Exposure Limits		
OEL TWA	530 mg/m ³	
OEL TWA	100 ppm	
OEL STEL	800 mg/m ³	
OEL STEL	150 ppm	

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isopentyl acetate (123-92-2)	
Hungary - Occupational Exposure Limits	
AK (OEL TWA)	270 mg/m ³
CK (OEL STEL)	540 mg/m³
Ireland - Occupational Exposure Limits	
OEL TWA [1]	260 mg/m ³
OEL TWA [2]	50 ppm
OEL STEL	520 mg/m ³
OEL STEL	100 ppm
Italy - Occupational Exposure Limits	
OEL TWA	270 mg/m ³
OEL TWA	50 ppm
OEL STEL	540 mg/m³
OEL STEL	100 ppm
Latvia - Occupational Exposure Limits	
OEL TWA	270 mg/m³
OEL TWA	50 ppm
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	270 mg/m³
IPRV (OEL TWA) [ppm]	50 ppm
TPRV (OEL STEL)	540 mg/m³
TPRV (OEL STEL) [ppm]	100 ppm
Luxembourg - Occupational Exposure Limits	
OEL TWA	270 mg/m³
OEL TWA	50 ppm
OEL STEL	540 mg/m³
OEL STEL	100 ppm
Malta - Occupational Exposure Limits	
OEL TWA	270 mg/m³
OEL TWA	50 ppm
OEL STEL	540 mg/m ³
OEL STEL	100 ppm
Netherlands - Occupational Exposure Limits	
TGG-15min (OEL STEL)	530 mg/m³
TGG-15min (OEL STEL) [ppm]	98.1 ppm
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	250 mg/m³
NDSCh (OEL STEL)	500 mg/m³
Portugal - Occupational Exposure Limits	
OEL TWA	270 mg/m³ (indicative limit value)

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OPEL TWAØ opp (indicative limit value)OEL STEL640 mg/m (indicative limit value)OEL STEL640 mg/m (indicative limit value)Remanla - Occupational Exposure Limits270 mg/m²OEL TWA60 pgm (indicative limit value)OEL TWA60 pgm (indicative limit value)OEL STEL640 mg/m²OEL STEL050 pgmStoxakia - Occupational Exposure LimitsNPHV (OEL TWA) [1)270 mg/m²NPHV (OEL TWA) [2)50 pgmNPHV (OEL TWA) [2)50 pgmNPHV (OEL TWA) [2)50 pgmNPHV (OEL TWA) [2)50 pgmStoraia - Occupational Exposure LimitsOEL TWA90 pgmStoraia - Occupational Exposure LimitsOEL TWA50 pgmOEL TWA90 pgmOEL TWA90 pgmOEL STEL00 pgmOEL STEL10 pgmStoraia - Occupational Exposure LimitsVLAEC (OEL TWA) [2]50 pgm (indicative limit value)VLAEC (OEL TWA) [2]60 pgm/m² (indicative limit value)VLAEC (OEL STEL) [2]60 pgm/m² (indicative limit value)VLAEC (OEL STEL) [2]60 pgm/m² (indicative limit value)VLAEC (OEL TWA) [2]10 pgm (menty acetales)Storaia - Occupational Exposure Limits10 pgm (indicative limit value)VLAEC (OEL TWA) [2]10 pgm (menty acetales)Storaia - Occupational Exposure Limits10 pgm (indicative limit value)VLAEC (OEL TWA) [2]10 pgm (indicative limit value)Storaia - Occupational Exposure Limits10 pgm (indicative limit value)	isopentyl acetate (123-92-2)		
OEL STEL100 ppm (ndicative limit value)Remaria - Occupational Exposure LimitsOEL TWA270 mg/m²OEL TWA50 ppmOEL TWA50 ppmOEL STEL540 mg/m²OEL STEL500 ppmSlovakia - Occupational Exposure LimitsNPHV (OEL TWA) [2]50 ppmNPHV (OEL TWA) [2]50 ppmNPHV (OEL TWA) [2]50 ppmNPHV (OEL TWA) [2]50 ppmSlovania - Occupational Exposure LimitsOEL TWA270 mg/m²OEL TWA60 ppmSlovania - Occupational Exposure LimitsOEL TWA60 ppmOEL TWA60 ppmOEL TWA60 ppmOEL TWA50 ppmOEL TWA60 ppmOEL TWA60 ppmSpain - Occupational Exposure LimitsVLAED (OEL TWA) [1]270 mg/m² (indicative limit value)VLAED (OEL TWA) [1]270 mg/m² (indicative limit value)VLAED (OEL TWA) [2]60 ppm (indicative limit value)VLAED (OEL TWA) [2]60 ppm (indicative limit value)VLAED (OEL TWA) [2]60 ppm (indicative limit value)VLAED (OEL TWA) [2]50 ppm (indicative limit value)VI (OEL TWA) [2]<	OEL TWA	50 ppm (indicative limit value (Pentyl acetate, all isomers)	
Romania - Occupational Exposure Limits CEL TWA 270 mg/m³ OEL TWA 50 pm OEL STEL 540 mg/m³ OEL STEL 100 ppm Slovakia - Occupational Exposure Limits 700 mg/m³ NPHV (OEL TWA) [1] 270 mg/m³ NPHV (OEL TWA) [2] 50 ppm NPHV (OEL TWA) [2] 50 ppm Slovenia - Occupational Exposure Limits 700 mg/m³ OEL STEL 50 ppm OEL TWA 50 ppm OEL TWA 50 ppm OEL TWA 50 ppm OEL TWA 50 ppm OEL STEL 100 ppm Spain - Occupational Exposure Limits 700 mg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pm (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (indicative limit value) VLAED (OEL TWA) [2] 50 pg/m³ (OEL STEL	540 mg/m³ (indicative limit value)	
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Slovakia - Occupational Exposure Limits NPHV (OEL TWA) [1] 270 mg/m³ NPHV (OEL TWA) [2] 60 ppm NPHV (OEL C) 540 mg/m³ Slovenia - Occupational Exposure Limits 270 mg/m³ OEL TWA 270 mg/m³ OEL TWA 50 ppm OEL TWA 50 ppm OEL STEL 540 mg/m³ OEL STEL 100 ppm Spain - Occupational Exposure Limits 70 mg/m³ (indicative limit value) VLA-ED (OEL TWA) [1] 270 mg/m³ (indicative limit value) VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-ED (OEL STEL) 540 mg/m³ VLA-ED (OEL STEL) [ppm] 100 ppm Sweden - Occupational Exposure Limits 50 ppm (indicative limit value) VLA-ED (OEL STEL) [ppm] 100 ppm Sweden - Occupational Exposure Limits So ppm (Pentyl acetates) NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) NGV (OEL STEL) [ppm] 50 ppm (Pentyl acetates) NGV (OEL STEL) [ppm] 50 ppm (Pentyl acetates) Norway - Occupational Exposure Limits Greenseverdi (OEL TWA) [2] 50 ppm	OEL STEL	540 mg/m ³	
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Slovenia - Occupational Exposure Limits OEL TWA 270 mg/m³ OEL TWA 50 ppm OEL STEL 540 mg/m³ OEL STEL 100 ppm Spain - Occupational Exposure Limits VLA-ED (OEL TWA) [1] VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-EC (OEL STEL) 540 mg/m³ VLA-EC (OEL STEL) (ppm] 100 ppm Sweden - Occupational Exposure Limits Sweden - Occupational Exposure Limits NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) KTV (OEL STEL) 540 mg/m³ (Pentyl acetates) NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) NTV (OEL STEL) 540 mg/m³ (Pentyl acetates) NTV (OEL STEL) 50 ppm (Pentyl acetates) Norway - Occupational Exposure Limits Morgan (Pentyl acetates) Korttidsverdi (OEL TWA) [2] 50 ppm Korttidsverdi (OEL TWA) [2] 50 ppm Korttidsverdi (OEL STEL) 325 mg/m³ (value calculated) Korttidsverdi (OEL STEL) [ppm] 75 pp	NPHV (OEL TWA) [2]	50 ppm	
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OEL TWA 50 pm OEL STEL 540 mg/m³ OEL STEL 100 pm Spain - Occupational Exposure Limits VLA-ED (OEL TWA) [1] VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-EC (OEL STEL) 540 mg/m³ VLA-EC (OEL STEL) [ppm] 100 ppm Sweden - Occupational Exposure Limits Sweden - Occupational Exposure Limits NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) SWeden - Occupational Exposure Limits 50 ppm (Pentyl acetates) NGV (OEL TWA) 50 ppm (Pentyl acetates) NV (OEL STEL) 540 mg/m³ (Pentyl acetates) NV (OEL STEL) 540 mg/m³ (Pentyl acetates) Nrway - Occupational Exposure Limits Grenseverdi (OEL TWA) [1] Grenseverdi (OEL TWA) [1] 260 mg/m³ Grenseverdi (OEL TWA) [2] 50 ppm Kortidisverdi (OEL STEL) 325 mg/m³ (value calculated) Kortidisverdi (OEL STEL) [ppm] 75 ppm (value calculated) USA - ACGH - Occupational Exposure Limits S0 ppm (Pentyl acetate, all isomers) ACGH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) ACGH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) ACGH OEL STEL [Slovenia - Occupational Exposure Limits		
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OEL STEL100 ppmSpain - Occupational Exposure LimitsVLA-ED (OEL TWA) [1]270 mg/m³ (indicative limit value)VLA-ED (OEL TWA) [2]50 ppm (indicative limit value)VLA-EC (OEL STEL)540 mg/m³VLA-EC (OEL STEL) [ppm]100 ppmSweden - Occupational Exposure LimitsNGV (OEL TWA)270 mg/m³ (Pentyl acetates)NGV (OEL TWA) [ppm]50 ppm (Pentyl acetates)NGV (OEL TWA) [ppm]50 ppm (Pentyl acetates)NGV (OEL TWA) [ppm]100 ppm (Pentyl acetates)NTV (OEL STEL) [ppm]100 ppm (Pentyl acetates)NTV (OEL STEL) [ppm]100 ppm (Pentyl acetates)RTV (OEL STEL) [ppm]00 ppm (Pentyl acetates)Norway - Occupational Exposure Limits540 mg/m³ (Pentyl acetates)Norway - Occupational Exposure Limits50 ppmGrenseverdi (OEL TWA) [1]260 mg/m³Grenseverdi (OEL TWA) [2]50 ppmKorttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)Korttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)Korttidsverdi (OEL STEL) [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL TWA [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL TWA [ppm]100 ppm (Pentyl acetate, all isomers)ctirat (5392-40-5)Eelgium - Occupational Exposure LimitsGEL TWA32 mg/m³ (vapor and aerosol)	OEL TWA	50 ppm	
Spain - Occupational Exposure Limits VLA-ED (OEL TWA) [1] 270 mg/m³ (indicative limit value) VLA-ED (OEL TWA) [2] 50 ppm (indicative limit value) VLA-EC (OEL STEL) 540 mg/m³ VLA-EC (OEL STEL) [ppm] 100 ppm Sweden - Occupational Exposure Limits 100 ppm NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) NGV (OEL TWA) 50 ppm (Pentyl acetates) NGV (OEL TWA) 50 ppm (Pentyl acetates) NGV (OEL TWA) [ppm] 50 ppm (Pentyl acetates) NTV (OEL STEL) 540 mg/m³ (Pentyl acetates) NTV (OEL STEL) [ppm] 100 ppm (Pentyl acetates) NTV (OEL STEL) [ppm] 100 ppm (Pentyl acetates) Norway - Occupational Exposure Limits 50 ppm Grenseverdi (OEL TWA) [1] 260 mg/m³ Grenseverdi (OEL TWA) [2] 50 ppm Kortidsverdi (OEL STEL) [ppm] 75 ppm (value calculated) Kortidsverdi (OEL STEL) [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH - Occupational Exposure Limits 50 ppm (Pentyl acetate, all isomers) ACGIH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) citral (5392-40-5) </td <td>OEL STEL</td> <td>540 mg/m³</td>	OEL STEL	540 mg/m ³	
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VLA-EC (OEL STEL) [ppm]100 ppmSweden - Occupational Exposure Limits100 ppmNGV (OEL TWA)270 mg/m³ (Pentyl acetates)NGV (OEL TWA) [ppm]50 ppm (Pentyl acetates)KTV (OEL STEL)540 mg/m³ (Pentyl acetates)KTV (OEL STEL) [ppm]100 ppm (Pentyl acetates)Norway - Occupational Exposure LimitsGrenseverdi (OEL TWA) [1]260 mg/m³Grenseverdi (OEL TWA) [2]50 ppmKorttidsverdi (OEL STEL)325 mg/m³ (value calculated)Korttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)USA - ACGIH - Occupational Exposure LimitsACGIH OEL STEL [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]100 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]100 ppm (Pentyl acetate, all isomers)Citral (5392-40-5)Elegium - Occupational Exposure LimitsOEL TWA32 mg/m³ (vapor and aerosol)	VLA-ED (OEL TWA) [2]	50 ppm (indicative limit value)	
Sweden - Occupational Exposure Limits NGV (OEL TWA) 270 mg/m³ (Pentyl acetates) NGV (OEL TWA) [ppm] 50 ppm (Pentyl acetates) KTV (OEL STEL) 540 mg/m³ (Pentyl acetates) KTV (OEL STEL) [ppm] 100 ppm (Pentyl acetates) Norway - Occupational Exposure Limits 60 mg/m³ Grenseverdi (OEL TWA) [1] 260 mg/m³ Grenseverdi (OEL TWA) [2] 50 ppm Korttidsverdi (OEL STEL) 325 mg/m³ (value calculated) Korttidsverdi (OEL STEL) [ppm] 75 ppm (value calculated) USA - ACGIH - Occupational Exposure Limits 50 ppm (Pentyl acetate, all isomers) ACGIH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) Citral (5392-40-5) 50 ppm (Pentyl acetate, all isomers) Belgium - Occupational Exposure Limits 32 mg/m³ (vapor and aerosol)	VLA-EC (OEL STEL)	540 mg/m ³	
NGV (OEL TWA)270 mg/m³ (Pentyl acetates)NGV (OEL TWA) [ppm]50 ppm (Pentyl acetates)KTV (OEL STEL)540 mg/m³ (Pentyl acetates)KTV (OEL STEL) [ppm]100 ppm (Pentyl acetates)Norway - Occupational Exposure LimitsGrenseverdi (OEL TWA) [1]260 mg/m³Grenseverdi (OEL TWA) [2]50 ppmKorttidsverdi (OEL STEL)325 mg/m³ (value calculated)Korttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)USA - ACGIH - Occupational Exposure LimitsACGIH OEL TWA [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]100 ppm (Pentyl acetate, all isomers)Citral (5392-40-5)Belgium - Occupational Exposure LimitsOEL TWA32 mg/m³ (vapor and aerosol)	VLA-EC (OEL STEL) [ppm]	100 ppm	
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Grenseverdi (OEL TWA) [1]260 mg/m³Grenseverdi (OEL TWA) [2]50 ppmKorttidsverdi (OEL STEL)325 mg/m³ (value calculated)Korttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)USA - ACGIH - Occupational Exposure LimitsACGIH OEL TWA [ppm]ACGIH OEL STEL [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]100 ppm (Pentyl acetate, all isomers)Citral (5392-40-5)Belgium - Occupational Exposure LimitsOEL TWA32 mg/m³ (vapor and aerosol)	KTV (OEL STEL) [ppm]	100 ppm (Pentyl acetates)	
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Korttidsverdi (OEL STEL)325 mg/m³ (value calculated)Korttidsverdi (OEL STEL) [ppm]75 ppm (value calculated)USA - ACGIH - Occupational Exposure LimitsACGIH OEL TWA [ppm]50 ppm (Pentyl acetate, all isomers)ACGIH OEL STEL [ppm]100 ppm (Pentyl acetate, all isomers)citral (5392-40-5)Belgium - Occupational Exposure LimitsOEL TWA32 mg/m³ (vapor and aerosol)	Grenseverdi (OEL TWA) [1]	260 mg/m ³	
Korttidsverdi (OEL STEL) [ppm] 75 ppm (value calculated) USA - ACGIH - Occupational Exposure Limits ACGIH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) citral (5392-40-5) Elgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	Grenseverdi (OEL TWA) [2]	50 ppm	
USA - ACGIH - Occupational Exposure Limits ACGIH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) citral (5392-40-5) Elgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	Korttidsverdi (OEL STEL)	325 mg/m ³ (value calculated)	
ACGIH OEL TWA [ppm] 50 ppm (Pentyl acetate, all isomers) ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) citral (5392-40-5) Elgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	Korttidsverdi (OEL STEL) [ppm]	75 ppm (value calculated)	
ACGIH OEL STEL [ppm] 100 ppm (Pentyl acetate, all isomers) citral (5392-40-5) Belgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	USA - ACGIH - Occupational Exposure Limits		
citral (5392-40-5) Belgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	ACGIH OEL TWA [ppm]	50 ppm (Pentyl acetate, all isomers)	
Belgium - Occupational Exposure Limits OEL TWA 32 mg/m³ (vapor and aerosol)	ACGIH OEL STEL [ppm]	100 ppm (Pentyl acetate, all isomers)	
OEL TWA 32 mg/m ³ (vapor and aerosol)	citral (5392-40-5)		
	Belgium - Occupational Exposure Limits		
OEL TWA 5 ppm (vapor and aerosol)	OEL TWA	32 mg/m³ (vapor and aerosol)	
	OEL TWA	5 ppm (vapor and aerosol)	

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citral (5392-40-5)	
OEL chemical category	Skin
Ireland - Occupational Exposure Limits	
OEL TWA [2]	5 ppm
OEL STEL	15 ppm (calculated)
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	27 mg/m³
NDSCh (OEL STEL)	54 mg/m³
Portugal - Occupational Exposure Limits	
OEL TWA	5 ppm (inhalable fraction; vapor)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [2]	5 ppm (inhalable fraction and vapor)
OEL chemical category	Sensitizer, skin - potential for cutaneous absorption
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	5 ppm (inhalable fraction and vapor)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer
.alphaPinene (80-56-8)	
Belgium - Occupational Exposure Limits	
OEL TWA	20 ppm
Estonia - Occupational Exposure Limits	
OEL TWA	150 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL TWA	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	300 mg/m ³ (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	150 mg/m³
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	300 mg/m ³
TPRV (OEL STEL) [ppm]	50 ppm
Portugal - Occupational Exposure Limits	
OEL TWA	20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA) [1]	113 mg/m³
	ů – Elektrik Alektrik – Elektrik

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.alphaPinene (80-56-8)	
OEL chemical category	Sensitizer
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	150 mg/m ³
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m ³
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA) [1]	140 mg/m ³
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m ³ (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	skin notation
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
Alcohol C-10 (112-30-1)	
Bulgaria - Occupational Exposure Limits	
OEL TWA	10 mg/m³
Germany - Occupational Exposure Limits (TRGS 90)0)
AGW (OEL TWA) [1]	66 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	10 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Latvia - Occupational Exposure Limits	
OEL TWA	10 mg/m³
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	10 mg/m³
Romania - Occupational Exposure Limits	
OEL TWA	100 mg/m ³
OEL TWA	15 ppm
OEL STEL	200 mg/m ³
OEL STEL	30 ppm
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	66 mg/m³ (aerosol, vapour)
MAK (OEL TWA) [2]	10 ppm (aerosol, vapour)
KZGW (OEL STEL)	66 mg/m³ (aerosol, vapour)
KZGW (OEL STEL) [ppm]	10 ppm (aerosol, vapour)

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Aldehyde C-6 (66-25-1)		
Finland - Occupational Exposure Limits	Finland - Occupational Exposure Limits	
HTP (OEL STEL)	42 mg/m ³	
HTP (OEL STEL) [ppm]	10 ppm	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	40 mg/m ³	
NDSCh (OEL STEL)	80 mg/m³	
Caproic acid (142-62-1)		
Bulgaria - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Latvia - Occupational Exposure Limits		
OEL TWA	5 mg/m³	
Lithuania - Occupational Exposure Limits		
IPRV (OEL TWA)	5 mg/m³	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection: Wear protective gloves.

8.2.2.3. Respiratory protection

Respiratory protection: Wear appropriate mask

8.2.2.4. Thermal hazards

No additional information available

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8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid	
Color	: Standard.	
Odor	: characteristic.	
Odor threshold	: Not available	
Melting point	: Not available	
Freezing point	: Not available	
Boiling point	: Not available	
Flammability	: Non flammabl	e.
Lower explosion limit	: Not available	
Upper explosion limit	: Not available	
Flash point	: > 93 °C	
Auto-ignition temperature	: Not available	
Decomposition temperature	: Not available	
рН	: Not available	
Viscosity, kinematic	: Not available	
Solubility	: Not available	
Partition coefficient n-octanol/water (Log Kow)	: Not available	
Vapor pressure	: Not available	
Vapor pressure at 50°C	: Not available	
Density	: Not available	
Relative density	: Not available	
Relative vapor density at 20°C	: Not available	
Particle characteristics	: Not applicable)

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.



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10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

Acute toxicity (demai) in the sessified instantion in the	11.1. Information on hazard classes as defined	11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity (inhalation) : Not classified (R)mentha-1,8-diene, d-limonene (5989-27-5 LD50 oral rat 4400 mg/kg (Source: CHEMVIEW) LD60 dermal rabbit > 5 g/kg (Source: CHEMVIEW) Hexyl cinnamic aldehyde (101-86-0) Interpretermation (100-100-100-100-100-100-100-100-100-100			
LD50 oral rat4400 mg/kg (Source: CHEMVIEW)LD50 dermal rabbit> 5 g/kg (Source: CHEMVIEW)Hexyl cinnamic aldehyde (101-86-0)LD50 oral rat3100 mg/kg (Source: NLM_CIP)LD50 oral rat3100 mg/kg (Source: EPA_HPV)LC50 inhalation - Rat> 5 mg/l/thAllyl heptanoste (142-19-8)LD50 oral rat500 mg/kg (Source: NLM_CIP)LD50 oral rat500 mg/kg (Source: CHA_API)LD50 oral rat500 mg/kg (Source: ECHA_API)LD50 oral rat500 mg/kg (Source: ECHA_API)LD50 dermal rabbit810 mg/kg (Source: ECHA_API)LD50 dermal rabbit810 mg/kg (Source: CHA_API)LD50 oral rat2780 mg/kg body weightLD50 oral rat2790 mg/kg body weightLD50 oral rat2490 mg/kg (Source: JAPAN_GHS)LD50 oral rat2490 mg/kg (Source: JAPAN_GHS)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: JAPAN_GHS)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat1230 mg/kg (Source: NLM_CIP)LD50 oral rat3450 mg/kg (Source: NLM_CIP)LD50 oral rat4500 mg/kg body weightCitconellol Pure (106-22-9)1250 mg/kg (Source: NLM_CIP)LD50 oral rat3450 mg/kg (Source: NLM_CIP)LD50 oral rat3450 mg/kg (Source: NLM_CIP)LD50 oral rat3450 mg/kg (Source: NLM_CIP)LD50 oral rat34	• • •		
LD50 dermal rabbit > 5 g/kg (Source: CHEMVIEW) Hexyl cinnamic aldehyde (101-86-0) LD50 oral rat 3100 mg/kg (Source: NLM_CIP) LD50 dermal rabbit > 3000 mg/kg (Source: EPA_HPV) LC50 Inhalation - Rat > 5 mg/l/4h Allyl heptanoate (142-19-8) LD50 oral rat 500 mg/kg (Source: NLM_CIP) LD50 oral rat 500 mg/kg (Source: CHA_API) LD50 dermal rabbit 810 mg/kg (Source: CHA_API) LD50 dermal rabbit 810 mg/kg (Source: CHA_API) LD50 oral 2780 mg/kg body weight LD50 oral rat 2490 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2490 mg/kg body weight LD50 oral rat 2490 mg/kg body weight LD50 oral rat 2490 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2490 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2490 mg/kg (Source: MLM_CIP) LD50 oral rat 1230 mg/kg (Source: NLM_CIP) LD50 oral rat 2450 mg/kg (Source: NLM_CIP) LD50 oral rat 3450 mg	(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)	
Hexyl cinnamic aldehyde (101-86-0) LD50 oral rat 3100 mg/kg (Source: NLM_CIP) LD50 dermal rabbit > 3000 mg/kg (Source: EPA_HPV) LC50 Inhalation - Rat > 5 mg/l/4h Allyl heptanoate (142-19-8) LD50 oral rat 600 mg/kg (Source: NLM_CIP) LD50 oral rat 5000 mg/kg (Source: NLM_CIP) LD50 oral rat 600 mg/kg (Source: ECHA_API) LD50 dermal rabbit 810 mg/kg (Source: ECHA_API) LD50 dermal 810 mg/kg (Source: JAPAN_GHS) LD50 oral 2790 mg/kg body weight LD50 oral rat 2490 mg/kg (Source: JAPAN_GHS) LD50 oral rat 2490 mg/kg (Source: MLM_CIP) LD50 oral rat 1230 mg/kg (Source: MLM_CIP) LD50 oral rat 1200 mg/kg body weight LD50 oral rat 1200 mg/kg (Source: NLM_CIP) LD50 oral rat 1200 mg/kg (Source: NLM_CIP) LD50 oral rat 3450 mg/kg (Source: NLM_CIP) LD50 oral rat 3450	LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)	
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LD50 dermal 2650 mg/kg body weight OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)	LD50 oral	3450 mg/kg body weight	
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)	LD50 dermal rabbit	2650 mg/kg (Source: EPA_HPV)	
	LD50 dermal	2650 mg/kg body weight	
LD50 dermal rat > 2000 mg/kg (Source: ECHA_API)	OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)		
	LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)	

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Helional (1205-17-0)	
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
citral (5392-40-5)	·
LD50 oral rat	4960 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	2250 mg/kg (Source: NLM_CIP)
.alphaPinene (80-56-8)	1
LD50 oral rat	3700 mg/kg (Source: NLM_CIP)
LD50 oral	500 mg/kg body weight
LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)
Alcohol C-10 (112-30-1)	
LD50 oral rat	4720 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	3560 mg/kg (Source: NLM_CIP)
Aldehyde C-6 (66-25-1)	<u> </u>
LD50 oral rat	4890 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 8100 mg/kg (Source: ECHA_API)
Caproic acid (142-62-1)	·
LD50 oral rat	3 g/kg (Source: NLM_HSDB)
LD50 oral	4000 mg/kg body weight
LD50 dermal rabbit	630 mg/kg (Source: NLM_HSDB)
Skin corrosion/irritation:Additional information:Serious eye damage/irritation:Additional information:Respiratory or skin sensitization:Additional information:Germ cell mutagenicity:Additional information:Carcinogenicity:	Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified
	Based on available data, the classification criteria are not met
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)
IARC group	3 - Not classifiable
Benzyl acetate (140-11-4)	
IARC group	3 - Not classifiable
Reproductive toxicity:Additional information:STOT-single exposure:Additional information:STOT-repeated exposure:Additional information:Aspiration hazard:Additional information:	Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met Not classified Based on available data, the classification criteria are not met
11.2. Information on other hazards	

11.2.1. Endocrine disrupting properties

No additional information available

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11.2.2. Other information

Potential Adverse human health effects and symptoms

: Based on available data, the classification criteria are not met

SECTION 12: Ecological information		
12.1. Toxicity		
• •	Not classified	
(acute) Hazardous to the aquatic environment, long-term : (chronic)	Harmful to aquatic life with long lasting effects.	
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)	
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)	
Linalool (78-70-6)		
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodesmus subspicatus)	
benzyl alcohol (100-51-6)		
LC50 - Fish [1]	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	
LC50 - Fish [2]	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)	
EC50 - Crustacea [1]	23 mg/l (Exposure time: 48 h - Species: water flea)	
citral (5392-40-5)		
EC50 - Crustacea [1]	7 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 72h - Algae [1]	16 mg/l (Species: Desmodesmus subspicatus)	
EC50 96h - Algae [1]	19 mg/l (Species: Desmodesmus subspicatus)	
.alphaPinene (80-56-8)		
LC50 - Fish [1]	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)	
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Alcohol C-10 (112-30-1)		
LC50 - Fish [1]	2.2 – 2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	4.12 – 6.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)	
EC50 - Crustacea [1]	3 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
Aldehyde C-6 (66-25-1)		
LC50 - Fish [1]	12 – 16.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
Caproic acid (142-62-1)		
LC50 - Fish [1]	306 – 334 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)	
LC50 - Fish [2]	88 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)	

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12.2. Persistence and degradability	12.2. Persistence and degradability	
NEON MELON CC-16351 10%		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
NEON MELON CC-16351 10%		
Bioaccumulative potential	Not established.	
(R)-p-mentha-1,8-diene, d-limonene (5989-27-	5)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)	
Allyl heptanoate (142-19-8)		
Partition coefficient n-octanol/water (Log Pow)	3.97 (at 20 °C (at pH 5.3)	
Benzyl acetate (140-11-4)		
Partition coefficient n-octanol/water (Log Pow)	1.96 (at 25 °C (at pH 7)	
benzyl alcohol (100-51-6)		
Partition coefficient n-octanol/water (Log Pow)	1.05	
Citronellol Pure (106-22-9)		
Partition coefficient n-octanol/water (Log Pow)	3.41 (at 25 °C)	
OXACYCLOHEPTADEC-10-EN-2-ONE (28645-	51-4)	
Partition coefficient n-octanol/water (Log Pow)	6.7 (at 23 °C)	
Undecavertol (81782-77-6)		
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 30 °C (at pH 7)	
Helional (1205-17-0)		
Partition coefficient n-octanol/water (Log Pow)	2.4 (at 25 °C)	
isopentyl acetate (123-92-2)		
Partition coefficient n-octanol/water (Log Pow)	2.7 (at 35 °C)	
citral (5392-40-5)		
Partition coefficient n-octanol/water (Log Pow)	2.76 (at 25 °C)	
.alphaPinene (80-56-8)		
Partition coefficient n-octanol/water (Log Pow)	4.1	
Alcohol C-10 (112-30-1)		
Partition coefficient n-octanol/water (Log Pow)	4.5 (at 25 °C (at pH 6)	
Aldehyde C-6 (66-25-1)		
Partition coefficient n-octanol/water (Log Pow)	2.3 (at 25 °C (at pH 5)	
Caproic acid (142-62-1)		
Partition coefficient n-octanol/water (Log Pow)	1.88	
12.4. Mobility in soil		

No additional information available

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A N D L E C R A F T

12.5. Results of PBT and vPvB assessment	t in the second s
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
Additional information	: Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations Ecology - waste materials HP code	 Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. HP3 - "Flammable:" flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C; flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air; flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction; flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa; water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities; other flammable waste: flammable aerosols, flammable self-heating waste, flammable
	organic peroxides and flammable self-reactive waste.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number or ID number					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.2. UN proper shipping name					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards					
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	
No supplementary informatio	n available				

14.6. Special precautions for user

Overland transport Not applicable

Transport by sea

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<mark>A N D L E C R A F T</mark>

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)			
Reference code	Applicable on	Entry title or description	
3(a)	(R)-p-mentha-1,8-diene, d-limonene ; isopentyl acetate ; .alphaPinene ; Aldehyde C-6	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	
3(b)	(R)-p-mentha-1,8-diene, d-limonene ; Hexyl cinnamic aldehyde ; Allyl heptanoate ; Linalool ; benzyl alcohol ; Citronellol Pure ; Helional ; citral ; Caproic acid	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	
3(c)	NEON MELON CC-16351 10% ; (R)-p-mentha-1,8- diene, d-limonene ; Hexyl cinnamic aldehyde ; Allyl heptanoate ; Benzyl acetate ; OXACYCLOHEPTADEC- 10-EN-2-ONE ; Undecavertol ; Helional ; Alcohol C-10	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	
40.	(R)-p-mentha-1,8-diene, d-limonene ; isopentyl acetate ; .alphaPinene ; Aldehyde C-6	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	

REACH Annex XIV (Authorisation List)

Contains no REACH Annex XIV substances.

REACH Candidate List (SVHC)

Contains no REACH candidate substance

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

Germany

Water hazard class (WGK)	 WGK 2, significant hazardous to water (Classification according to AwSV, Annex 1 LGK 12 - Non-combustible liquids. 				ding to AwSV, Annex 1).		
Storage class (LGK, TRGS 510) Joint storage table		K 12 - Non-0	LGK 2A	LGK 2B	LGK 3	LGK 4.1A	
, and the second s		K 4.1B	LGK 2A	LGK 2.5	LGK 5.1A	LGK 5.1B	
		K 5.1C	LGK 5.2			LGK 6.1C	
				LGK 6.1A	LGK 6.1B		
		K 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B	
	LG	K 10	LGK 11	LGK 12	LGK 13	LGK 10-13	
Joint storage not permitted for		K 1, LGK 6.:	-				
Joint storage with restrictions permitted for		-	(4.3, LGK 5.1				
Joint storage permitted for	: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK						
		K 6.1B, LGF 13.	(6.1C, LGK 6	.1D, LGK 8A, L	.GK 8B, LGK 10), LGK 11, LGK 12, LGK 13, LG	
Hazardous Incident Ordinance (12. BImSchV)	: Is	not subject o	of the Hazardo	ous Incident Or	dinance (12. Bli	mSchV)	
Netherlands							
ABM category		8) - hazardou vironment	us for aquatic	organisms, ma	y have longterm	n hazardous effects in aquatic	
SZW-lijst van kankerverwekkende stoffen	: Noi	None of the components are listed					
SZW-lijst van mutagene stoffen	: Noi	None of the components are listed					
SZW-lijst van reprotoxische stoffen – Borstvoeding	: Noi	None of the components are listed					
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: Noi	ne of the co	mponents are	listed			
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: Noi	None of the components are listed					
Denmark							
Classification remarks	: Em	: Emergency management guidelines for the storage of flammable liquids must be followed					
Danish National Regulations		egnant/breas product	stfeeding wom	ien working wit	h the product m	ust not be in direct contact with	
Switzerland							
Storage class (LK)	: LK	10/12 - Liqu	uids				
15.2. Chemical safety assessment							
No chemical safety assessment has been carried ou	ıt						

SECTION 16: Other information	
Data sources	: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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Other information

ANDLECRAFT

: None.

Full text of H- and EUH	I-phrases:
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
EUH208	Contains (R)-p-mentha-1,8-diene, d-limonene, Hexyl cinnamic aldehyde, Linalool, Citronellol Pure, Helional. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B

The classification complies with

: ATP 12

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.